

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 10948 (1984): Dimensions of Heald Carrying Rods for Healds with Closed O-Shaped End Loops [TXD 14: Machinery for Fabric Manufacture]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



BLANK PAGE



*Indian Standard*

# DIMENSIONS OF HEALD CARRYING RODS FOR HEALDS WITH CLOSED O-SHAPED END LOOPS

( ISO Title : Textile Machinery and Accessories — Heald  
Carrying Rods for Healds with Closed "O"-Shaped End Loops )

## National Foreword

This Indian Standard which is identical with ISO 570-1982 'Textile machinery and accessories — Heald carrying rods for healds with closed "O" - shaped end loops', issued by the International Organization for Standardization ( ISO ), was adopted by the Indian Standards Institution on the recommendations of the Cotton Weaving Machinery Components Sectional Committee and approved by the Textile Division Council.

Wherever the words 'International Standard' appear, referring to this standard, it should be read as 'Indian Standard'.

Comma ( , ) has been used as a decimal marker while in Indian Standards, the current practice is to use a point ( . ) as the decimal marker.

## Cross References

In this standard, the following International Standards have been referred to, for which the following corresponding Indian Standard shall be read.

<i>International Standard</i>	<i>Corresponding Indian Standard</i>
ISO 363 Textile machinery and accessories — Flat steel healds for general use — Dimensions	IS : 2487-1972 Flat steel healds ( excluding jacquard and leno weaving healds ) ( <i>first revision</i> )(Technically equivalent)
ISO 364 Textile machinery and accessories — Twin wire healds for weaving machines	IS : 1190-1976 Twin wire healds for weaving ( <i>second revision</i> )(Technically equivalent)

Adopted 10 August 1984

© October 1984, ISI

Gr 2

## 1 Scope and field of application

This International Standard specifies the main dimensions and the co-ordination of heald carrying rods for healds with closed "O"-shaped end loops.

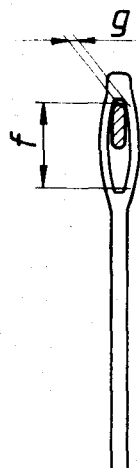
## 2 References

ISO 363, *Textile machinery and accessories — Flat steel healds for general use — Dimensions.*

ISO 364, *Textile machinery and accessories — Twin wire healds for weaving machines.*<sup>1)</sup>

## 3 End loops of healds

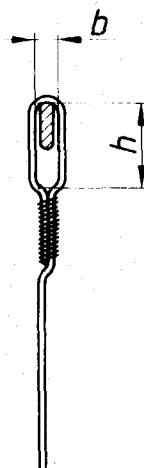
### Flat steel healds



$f$  = Length of end loops

$g$  = Width of end loops

### Twin wire healds



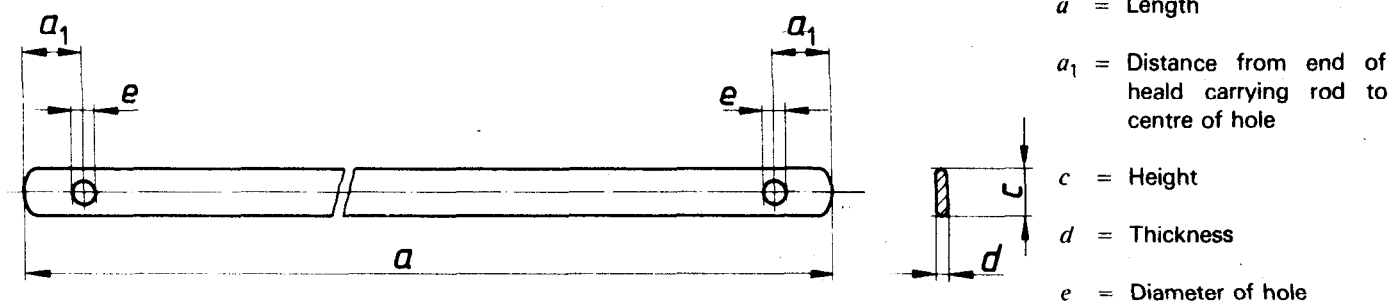
$h$  = Length of end loops

$b$  = Width of end loops

1) At present at the stage of draft. (Revision of ISO/R 364-1967.)

## 4 Heald carrying rods

### 4.1 Type A



Dimensions in millimetres

Heald carrying rods $c \times d$	9 × 1,5	9 × 2,5	12 × 2,5
End loops of healds (see clause 3)			
Flat steel healds $f \times g$	16 × 1,6	16 × 2,8*	16 × 2,8* 20 × 3*
Twin wire healds $h \times b$	16 × 3 16 × 4	16 × 4 18 × 5 22 × 6,5	18 × 5 22 × 6,5

Example of the designation for a heald carrying rod Type A, suitable for healds with closed, "O"-shaped end loops and having a length of 1 000 mm, a height of 9 mm, a thickness of 1,5 mm, a distance from the end of the heald carrying rod to the centre of the hole of 16 mm with a hole diameter of 4,2 mm :

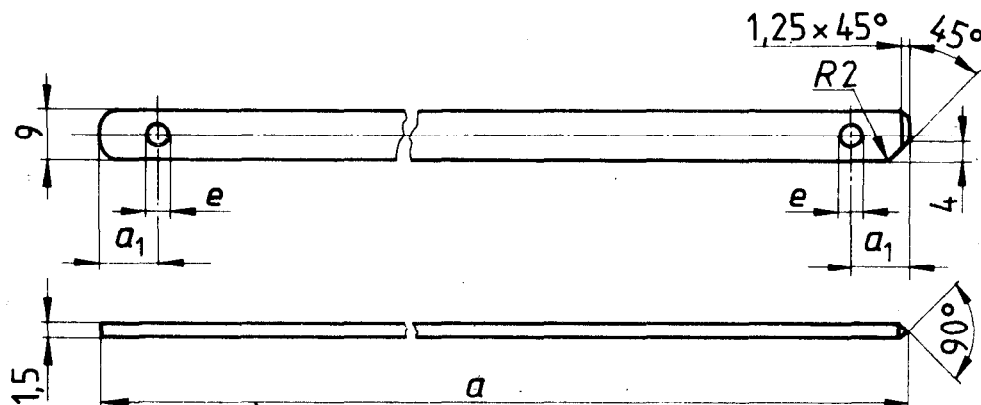
Heald carrying rod ISO 570 — AO 1 000 × 9 × 1,5 — 16 — 4,2

\* Heald carrying rods of 9 × 2,5 and 12 × 2,5 mm may be used with flat steel healds having end loops of at least 16 × 2,8 and 20 × 3 mm. It is not intended, however, to standardize these heald sizes because they are used to a limited extent only and do not interfere with this International Standard.

## 4.2 Type B

Wedge-shaped at one end for connecting to the Uster automatic drawing-in system

Dimensions in millimetres



$a$  = Length

$a_1$  = Distance from end of heald carrying rod to centre of hole

$e$  = Diameter of hole

Dimensions in millimetres

End loops of flat steel healds $f \times g$	$16 \times 1,6$
End loops of twin wire healds $h \times b$	$16 \times 3$ $16 \times 4$

Example of the designation for a heald carrying rod Type B, wedge-shaped at one end, suitable for healds with closed, "O"-shaped end loops and having a length of 1 000 mm, a distance from the end of the heald carrying rod to the centre of the hole of 16 mm with a hole diameter of 4,2 mm :

Heald carrying rod ISO 570 — BO 1 000 — 16 — 4,2